

PTO/SB/05 (08-03)

Approved for use through 07/31/2006, OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 09616/0200490-US0 Toshihiro Amei CONSTANT CURRENT OUTPUT CONTROL METHOD AND CONSTANT CURRENT OUTPUT CONTROL DEVICE FOR SWITCHING POWER

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. MS Patent Application **APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents. P.O. Box 1450 Alexandria, VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) Specification [Total Pages Computer Readable Form (CRF) (preferred arrangement set forth below) Specification Sequence Listing on: Descriptive title of the invention Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or Paper Statement Regarding Fed sponsored R & D Reference to sequence listing, a table. Statements verifying identity of above copies or a computer program listing appendix Background of the Invention **ACCOMPANYING APPLICATION PARTS** Brief Summary of the Invention Brief Description of the Drawings (if filed) 9. Х Assignment Papers (cover sheet & document(s)) - Detailed Description Claim(s) 37 CFR 3.73(b) Statement Power of 10. - Abstract of the Disclosure (when there is an assignee) Attomey X Drawing(s) (35 U.S.C. 113) 6 11. [Total Sheets English Translation Document (if applicable) Information Disclosure Copies of IDS 5. Oath or Declaration 12. [Total Sheets 3 Statement (IDS)/PTO-1449 Citations 13. X Newly executed (original or copy) Preliminary Amendment Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) 14. (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) 15. DELETION OF INVENTOR(S) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). named in the prior application 16. see 37 CFR 1.63(d)(2) and 1.33(b) Applicant must attach form PTO/SB/35 or its equivalent Certificate of Express Mailing Under 37 CFR 17. Х 1.10: Check in the amount of \$896.00 X | Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 07278 X Customer Number. Correspondence address below DARBY & DARBY P.C. Name Joseph R. Robinson P.O. Box 5257 Address City **New York** NY State Zip Code 10150-5257 Country US (212) 527-7700 (212) 753-6237 Telephone Joseph R. Robinson 33,448/47,522 Name (Print/Type) Registration No. (Attorney/Agent) December 29, 2003 Signature

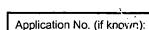


PTO/SB/17 (10-03)
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FEE TRANSMITTAL for FY 2004		Complet if Known				
		Applic	ation	Numbe	er Not Yet Assigned	
		Filing Date			Concurrently Herewith	
		First I	Named	Inven	ntor Toshihiro Amei	
Effective 10/01/2003, Patent fees are subject to annual revision.			iner Na	_	Not Yet Assigned	
Applicant claims small entity status. See 37 CFR 1.27		Art Ur	nit		N/A	
TOTAL AMOUNT OF PAYMENT (\$) 896.00				ket No	o. 09616/0200490-US0	
METHOD OF PAYMENT (check all that apply)	l l			_	E CALCULATION (continued)	
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Account 04-0100 Number	Code	(\$)	Code	(\$)	Fee Description Fee Paid	
Deposit Account Darby & Darby P.C.	1051	130	2051	65	Surcharge – late filing fee or oath	
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
	1052	420	1052	120		
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification	
Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee 770.00	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403		Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451		Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 770.00	1452	110	2452 2453	55 ees	Petition to revive – unavoidable	
2. EVIDA CLAIM FEEG FOR UTILITY AND DEIGCHE	1453	1,330 1,330	2501		Petition to revive - unintentional Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1502	480	2502		Design issue fee	
Total Claims 18 -20** = X = 0.00	1502	640	2502			
Independent — — — — — — — — — — — — — — — — — — —	1460	130	1460		Plant issue fee Petitions to the Commissioner	
Claims 4 -3 - 1 x 86.00 = 86.00						
Muttiple Dependent	1807	50	1807		Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee	1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$) Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties) 40.00	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each additional invention to be	
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1801	770	2801		examined (37CFR 1.129(b)) Request for Continued Examination (RCE)	
over original patent	1802	900	1802	900	Request for expedited examination	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		fee (spe		900	of a design application	
SUBTOTAL (2) (\$) 86.00		uced by E	••	ling For	Paid SUBTOTAL (3) (\$) 40.00	
**or number previously paid, if greater, For Reissues, see above	Redi	aced by b	ASIC FI	my ree	Paid SUBTOTAL (3) (\$) 40.00	
SUBMITTED BY (Complete (if applicable))						
Name (Print/Type) Joseph R. Robinson		ration No ey/Agent)		,448/	47,52Z Telephone (212) 527-7783	
Signature Soin Allert // 000	1	1	ゴ ひタスタ	1/2/	Date December 29, 2003	

Dated: _

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Attorney Docket No.: 09616/0200490-US0

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Certificate of Express Mailing Under 37 CFR 1.10 (1 pg)

Utility Patent Application Transmittal (1 pg)

Fee Transmittal (1 pg)

Application Data Sheet (2 pp)

Specification (53 pp) incl. Claims (9 pp); Abstract (1 pg)

Drawings (Figs. 1-7; 6 sheets)

Executed Declaration and Power of Attorney (3 pp)

Recordation Form Cover Sheet (1 pg) w/Assignment (2 pp)

Claim for priority and submission of documents (1 pg) w/one copy of

priority document

Information Disclosure Statement (2 pp); PTO/SB/08A (1 pg) with two

documents Check No. 37/8 in the amount of \$896.00

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